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MAY 25 2004  
U.S. PATENT AND TRADEMARK OFFICE

1/19

APPROVED: /M.L./

11/25/2008

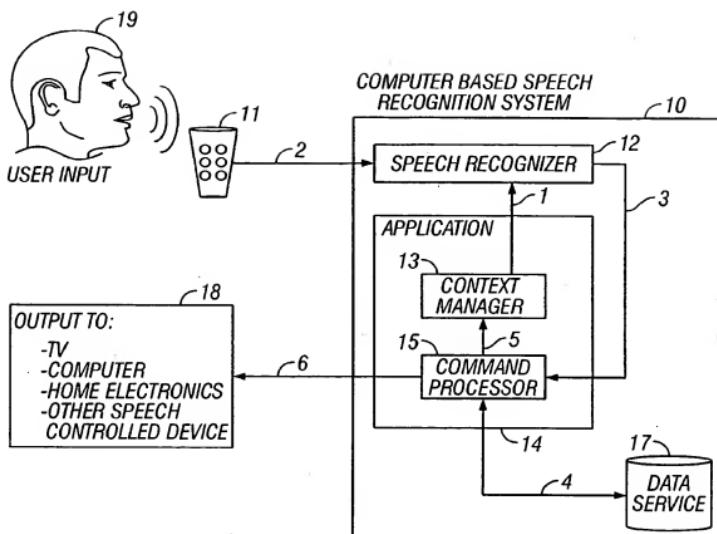


FIG. 1

2/19

TOP-LEVEL GRAMMAR ↗ 20

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"SET"	CHAINED COMMAND	SET GRAMMAR
"FIND"	CHAINED COMMAND	FIND GRAMMAR
ETC.	ETC.	ETC.
ETC.	ETC.	ETC.



"SET" GRAMMAR ↗ 22

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"OPTIONS"	CHAINED COMMAND	OPTION GRAMMAR
"PREFERENCES"	CHAINED COMMAND	PREFERENCES GRAMMAR
ETC.	ETC.	ETC.
ETC.	ETC.	ETC.



"OPTIONS" GRAMMAR ↗ 24

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"FAVORITE"	CHAINED COMMAND	FAVORITE GRAMMAR
"BLOCKS"	CHAINED COMMAND	BLOCKS GRAMMAR
ETC.	ETC.	ETC.
ETC.	ETC.	ETC.



"FAVORITES" OPTION ↗ 26

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"CHANNEL 2"	CHANNEL TYPE	NONE
"CATEGORY"	CHAINED COMMAND	CATEGORY GRAMMAR
ETC.	ETC.	ETC.
ETC.	ETC.	ETC.



"CATEGORY" GRAMMAR ↗ 28

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"SPORTS"	CATEGORY TYPE	NONE
"MOVIES"	CATEGORY TYPE	NONE
ETC.	ETC.	ETC.
ETC.	ETC.	ETC.

FIG. 2

3/19

PROGRAM INFORMATION GRAMMAR <sup>30</sup>

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"ROBERT REDFORD"	ACTOR TYPE	ROBERT REDFORD
	CHAINED COMMAND	PROGRAMS GRAMMAR
ETC.	ETC.	ETC.
ETC.	ETC.	



ROBERT REDFORD PROGRAMS GRAMMAR <sup>32</sup>

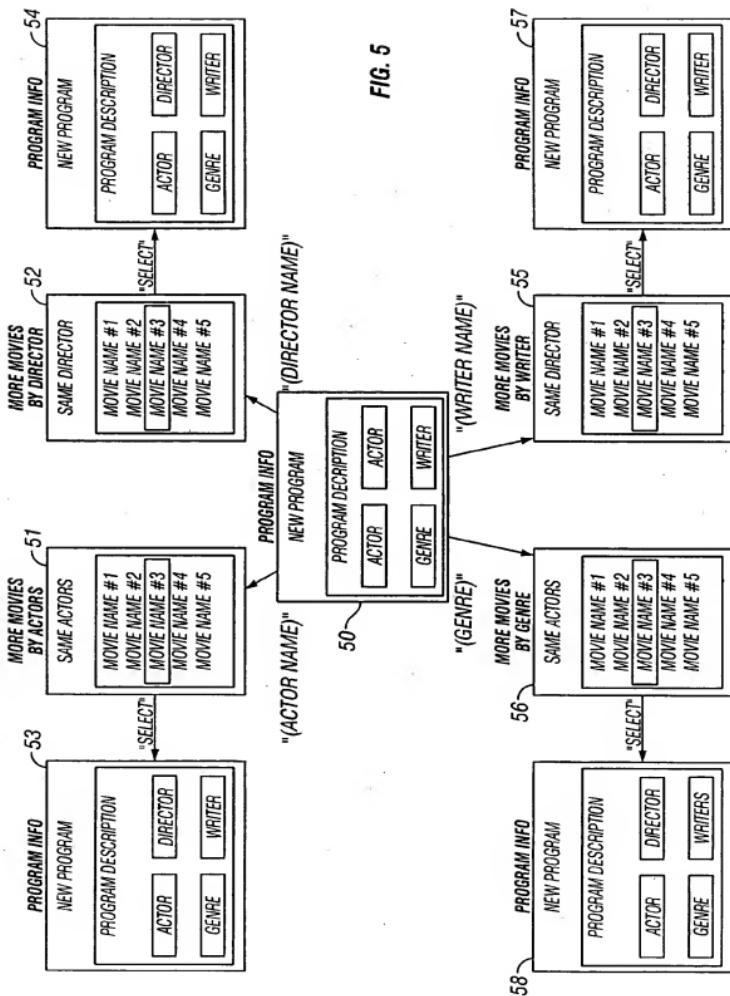
UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"BUTCH CASSIDY"	PROGRAM TYPE	NONE
"THREE DAYS OF THE CONDOR"	PROGRAM TYPE	NONE
ETC.	ETC.	ETC.
ETC.		ETC.

FIG. 3

PROGRAM INFORMATION GRAMMAR <sup>30</sup>

UTTERANCE	ATTRIBUTE	LINKED GRAMMAR
"ROBERT REDFORD"	ACTOR TYPE	NONE
ETC.	ETC..	ETC.

FIG. 4



STEP-BY-STEP TARGETTED SEARCH  
(USING INDIVIDUAL COMMANDS)

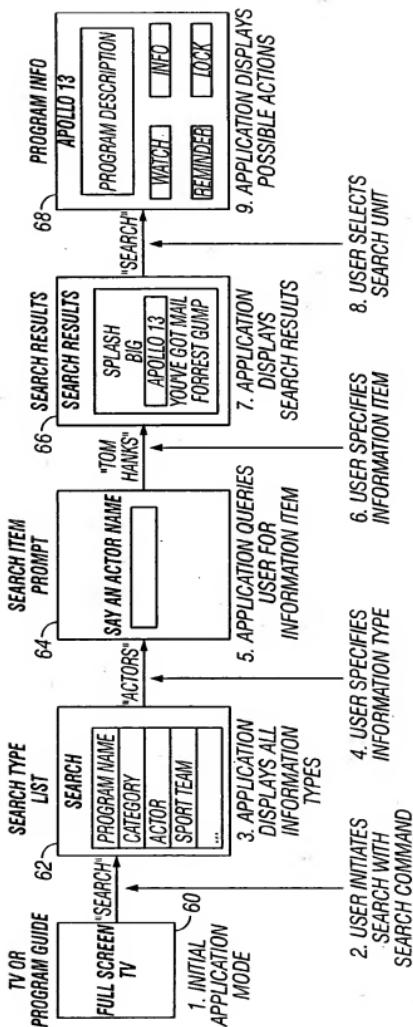


FIG. 6

ONE-STEP TARGETED SEARCH  
(USING CHAINED COMMANDS)

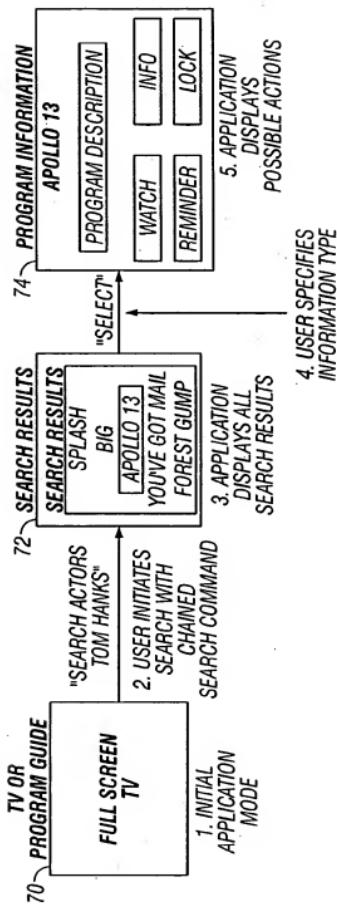


FIG. 7

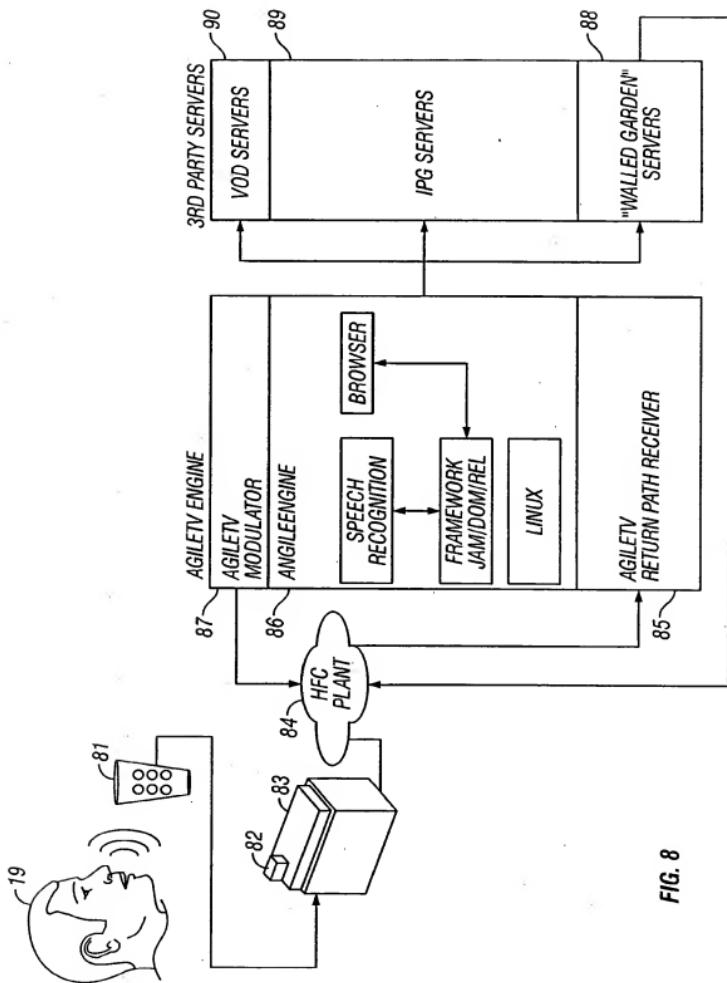


FIG. 8

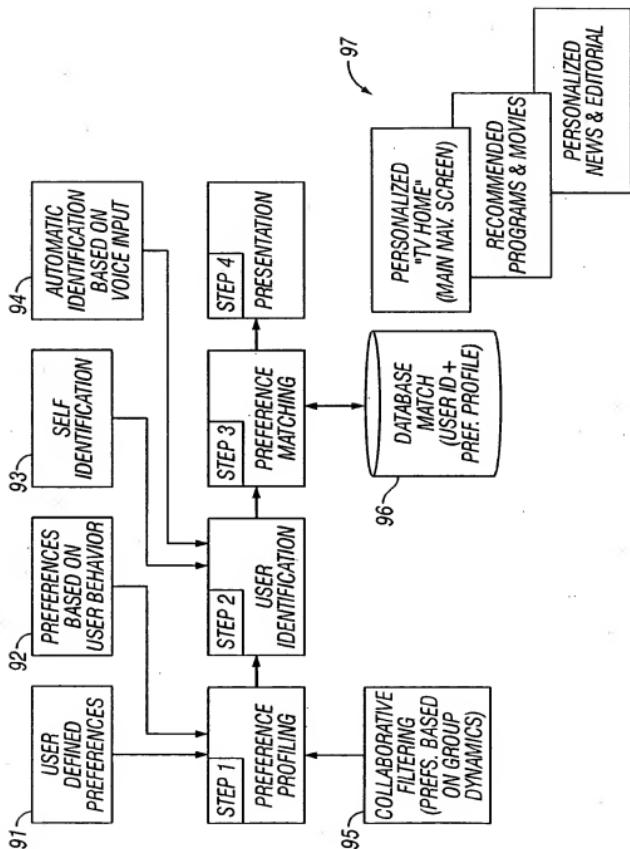
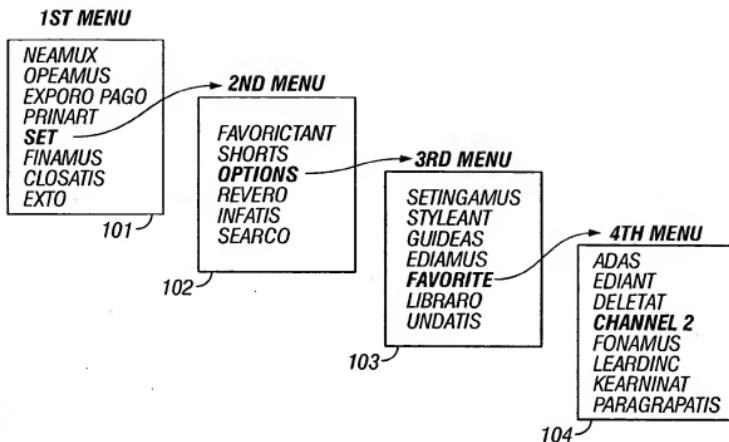


FIG. 9



**FIG. 10**  
**(PRIOR ART)**



**FIG. 11**

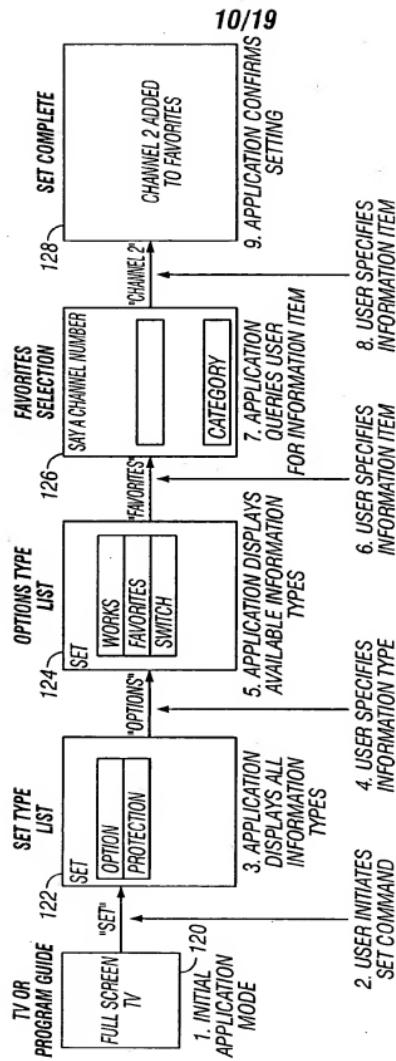
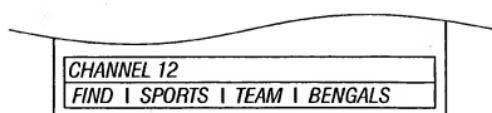


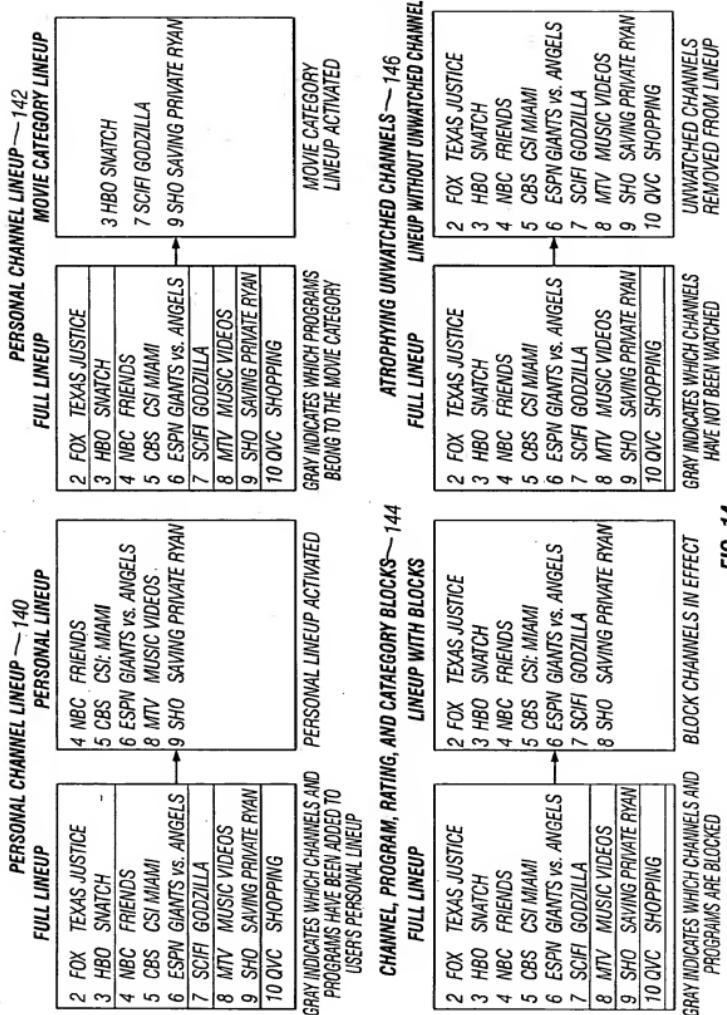
FIG. 12

**11/19**



**FIG. 13**

12/19



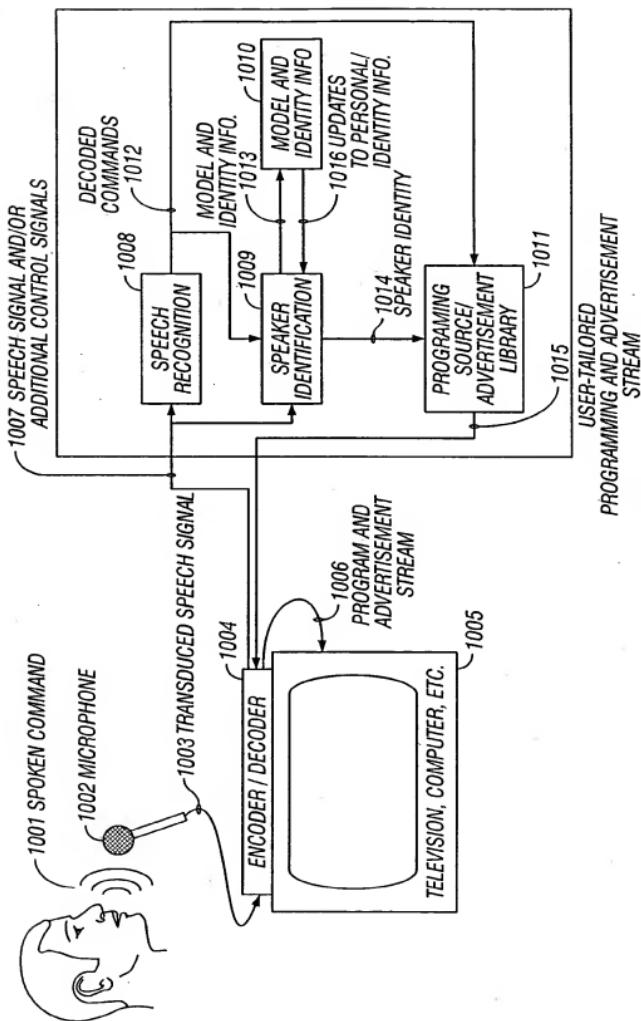


FIG. 15

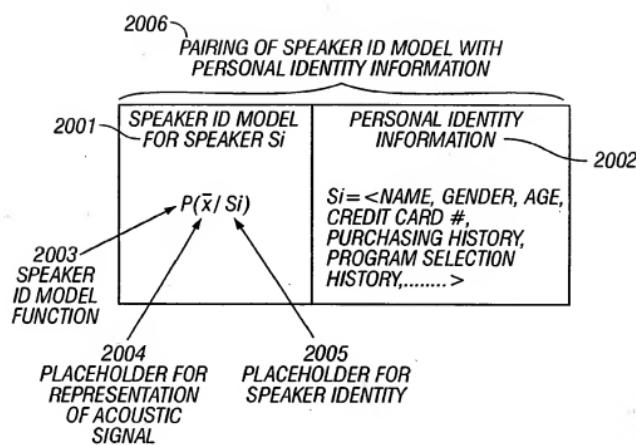


FIG. 16

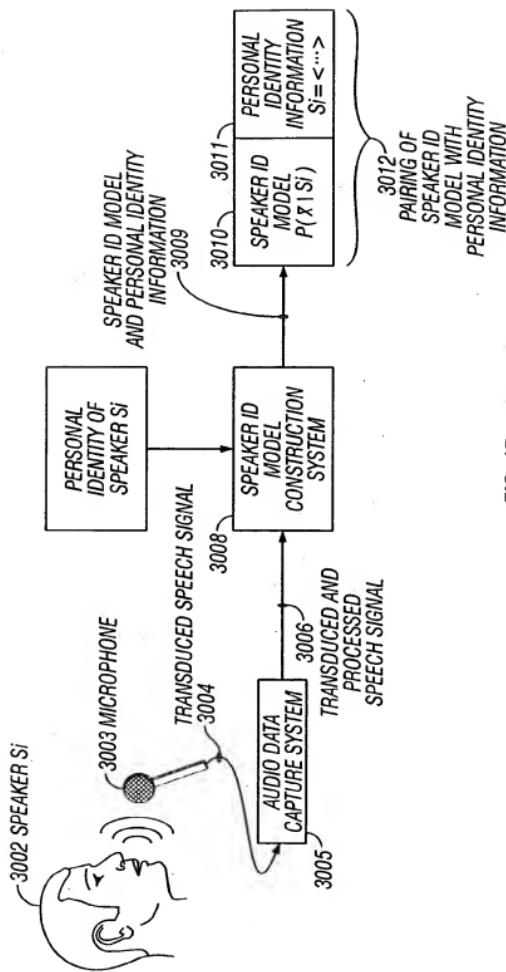


FIG. 17

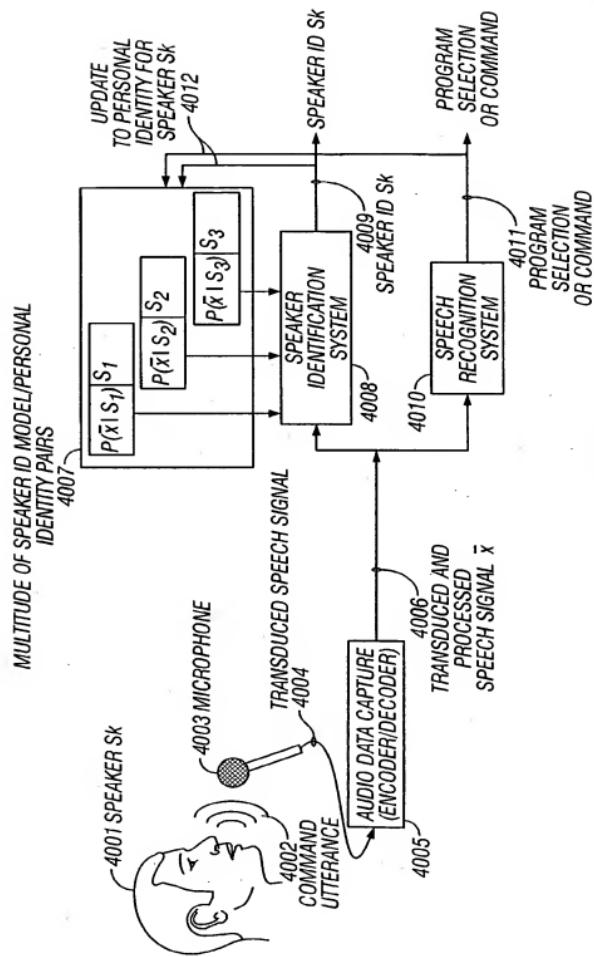


FIG. 18

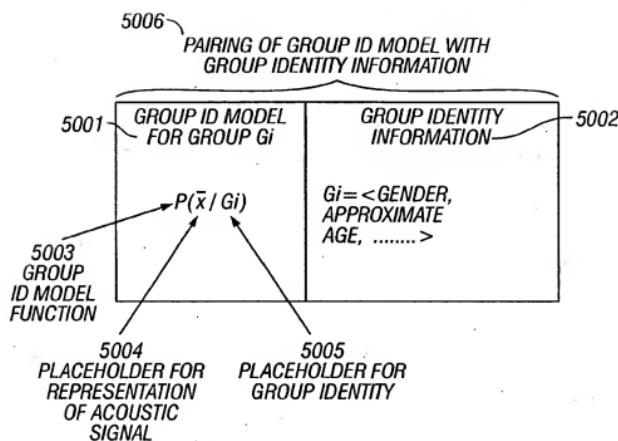


FIG. 19

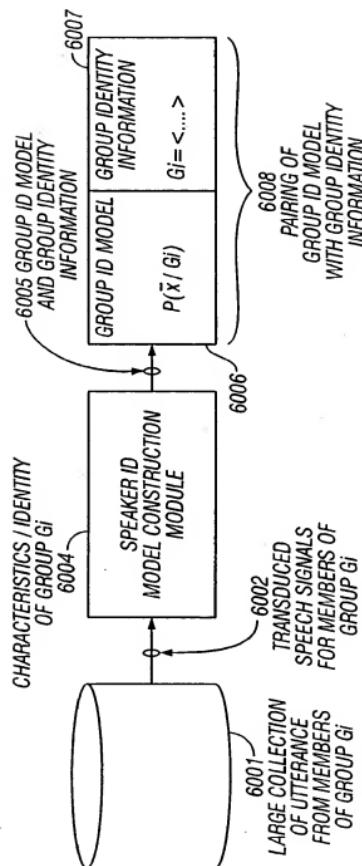


FIG. 20

